



V.M. V. V Sangha's

V.M. K. S. R. Vastrad Arts Science and V.S.Bellihal
Commerce college, Hunagund

(Karnataka state)

Certificate course

Academic year 2022-23

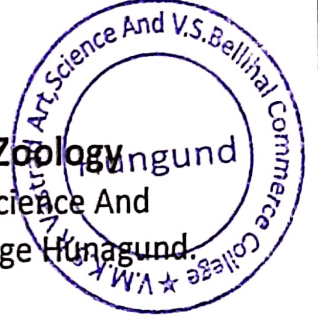
Department of Zoology

Subject: **Microbiology**

For B.Sc. V semester students



Head department of Zoology
V.M.K.S.R. Vastrad Arts, Science And
V.S.Bellihal commerce college Hunagund.



To
The principal
V.M.K.S.R. Vastrad Arts Science And
V.S Bellihal commerce college, Hunagund.

Subject: Kindly permission to conduct certificate course on " Microbiology"
for B.Sc V semester students

Respected madam,

Department of Zoology interested to conduct a certificate course on
"Microbiology" and it is very important to the students from rural to motivate
them. Kindly permit and provide financial assistance to run the course.

Thanking you

Date: 20-12-2022

Place: Hunagund

Your's faithfully

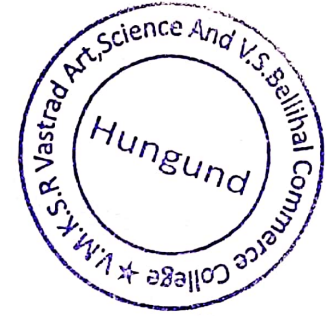
Omara
**Head of the Department,
ZOOLOGY.**

V. M. S. R. Vastrad Arts. Science and
V. M. Commerce College,
HUNGUND, Dist: Bagalkot





V.M.V.V Sangha's



V.M. K. S. R. Vastrad Arts, Science And V.S. Bellihal Commerce college,
Hungund

Certificate course for B.Sc V semester students

Department of Zoology

During the year 2022-23

Subject: Microbiology

Department of Zoology introducing 30 hours certificate course on "Microbiology". The purpose of the certificate course is to enrich the knowledge and practice in their own area. It is here by advised to the students to get admission to the above said course.

Name of the certificate course: Microbiology

Admission Date : 20-12-2022.

Eligibility: B.Sc V semester students

Contact: 1. Prof. Nayana. Mara - 9902389418

2. Prof. Shindu. Muradi - 8792336139

Nayana

Head of the Department,
ZOOLOGY.

V. M. S. R. Vastrad Arts, Science and
V. M. Commerce College,
HUNGUND, Dist: Bagalkot

Vijaya Mahantesh

Principal

Vijaya Mahantesh Krupaposhit
S.R Vastrad Art, Science & V.S. Bellihal
Commerce College, Hungund-587118





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Hunagund

Certificate course for B.Sc V semester students

Department of Zoology

During the year 2022-23

Subject: Microbiology

Hours-30

MEMBERS OF BOARD OF STUDIES (BOS)

Sl.no	List of BOS Members
1	Prof. S. K .Math. Principal. VMSR Vastrad Arts, Science and V.S.Bellihal Commerce College, Hunagund.
2	Prof. R.S. Vastrad. Asst. Prof in Zoology M.V.G.S College, Muddebihal.
3	G.M.Sajjanar Asst. Prof in Zoology S.V.M College, Ilkal.
4	Prof. Nayana Mara. Asst. Prof. in Zoology VMKSR Vastrad Arts, Science and V.S.Bellihal Commerce College, Hunagund.

Amala

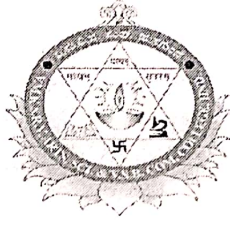
Head of the Department,
ZOOLOGY.

V. M. S. R. Vastrad Arts, Science and
V. M. Commerce College,
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Vijaya Mahantesh Krupaposhit
Principal

Vijaya Mahantesh Krupaposhit
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Commerce College, Hungund-587118





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Circular

All the students are hereby informed that college has conducting a certificate course on "Microbiology" from 02-01-2023 to 06-02-2023 for B.Sc Students. Interested students enroll your names at course coordinator Miss. Nayana Mara.

Date: 20/12/2022

Nayana

Head of the Department,
ZOOLOGY.

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Vijaya Mahantesh Krupashit
Principal

Vijaya Mahantesh Krupashit
S R Vastrad Arts, Science & V.S.Bellihal
Commerce College, Hungund-587111





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Certificate course for B.Sc V semester students

Department of Zoology

During the year 2022-23

Subject: Microbiology

Hours-30

SYLLABUS

Units	Syllabus	Hours
Unit I	Introduction a) History of bacteriology and microbiology. b) Scope of microbiology.	03 Hours
Unit-II	Micro organisms. a) Classification, characteristics (Structure, size, method and rate of reproduction) b) Normal flora of the body. c) Pathogenesis & common diseases. d) Methods for study of microbes culture & isolation of microbes.	08 Hours
Unit-III	Infection and its transmission. a) Sources and types of infection, nosocomial infection. b) Factors affecting growth of microbes. c) Cycle of transmission of infection portals of entry, exit, modes of transfer. d) Reaction of body to infection, mechanism of resistance. e) Collection of specimens.	04 Hours

Unit IV	Immunity. a) Types of immunity-innate and acquired. b) Immunization schedule. Immunoprophylaxis (vaccines, sera etc.) c) Hypersensitivity and autoimmunity. d) Principles and uses of serological tests.	05 Hours
Unit V	Control and destruction of Microbes. a) Principles and methods of microbial control; -Sterilization -Disinfection -Chemotherapy and antibiotics -Pasteurization b) Medical and surgical asepsis. c) Bio-safety and waste management.	05 Hours
Unit VI	Practical Microbiology. a) Microscope - Parts, use handling and care of microscope. b) Observation of staining procedure, preparation and examination of slides and smears. c) Identification of common microbes under the microscope for morphology of different microbes.	05 Hours

Amara

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ZOOLOGY.**

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SKA

Principal

Vijaya Mahantesh Krupaposhit
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Department of Zoology

During the year 2022-23

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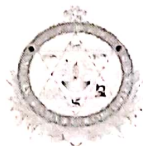
RESOURCE PERSON

Units	Syllabus	Hours
Unit I	Introduction a) History of bacteriology and microbiology. b) Scope of microbiology.	N.D.Mara
Unit-II	Micro organisms. a) Classification, characteristics (Structure, size, method and rate of reproduction) b) Normal flora of the body. c) Pathogenesis & common diseases. d) Methods for study of microbes culture & isolation of microbes.	N.D.Mara
Unit-III	Infection and its transmission. a) Sources and types of infection, nosocomial infection. b) Factors affecting growth of microbes. c) Cycle of transmission of infection portals of entry, exit, modes of transfer. d) Reaction of body to infection, mechanism of resistance. e) Collection of specimens.	N.D.Mara

Unit IV	Immunity. a) Types of immunity-innate and acquired. b) Immunization schedule. Immunoprophylaxis (vaccines, sera etc.) c) Hypersensitivity and autoimmunity. d) Principles and uses of serological tests.	S.N.Muradi
Unit V	Control and destruction of Microbes. a) Principles and methods of microbial control; -Sterilization -Disinfection -Chemotherapy and antibiotics -Pasteurization b) Medical and surgical asepsis. c) Bio-safety and waste management.	S.N.Muradi
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N. mella
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ZOOLOGY.
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S. N. Muradi
Principal
Vijaya Mahantesh Krupaposhit
S.R Vastrad Art, Science & V.S. Bellihal
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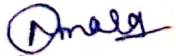
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Department of Zoology
Subject: Microbiology

During the year 2022-23
TIME-TABLE 2022-2023

Day	DATE	Period Time 3.30 to 4.30
1	2.01.2023	Nayana Mara
2	3.01.2023	Nayana Mara
3	4.01.2023	Nayana Mara
4	5.01.2023	Nayana Mara
5	6.01.2023	Nayana Mara
6	7.01.2023	Nayana Mara
7	9.01.2023	Nayana Mara
8	10.01.2023	Nayana Mara
9	11.01.2023	Nayana Mara
10	12.01.2023	Nayana Mara
11	13.01.2023	Nayana Mara
12	16.01.2023	Nayana Mara

13	17.01.2023	Nayana Mara
14	18.01.2023	Nayana Mara
15	19.01.2023	Nayana Mara
16	20.01.2023	Nayana Mara
17	21.01.2023	Nayana Mara
18	23.01.2023	Nayana Mara
19	24.01.2023	Sindhu Muradi
20	25.01.2023	Sindhu Muradi
21	26.01.2023	Sindhu Muradi
22	27.01.2023	Sindhu Muradi
23	28.01.2023	Sindhu Muradi
24	30.01.2023	Sindhu Muradi
25	31.01.2023	Sindhu Muradi
26	01.02.2023	Sindhu Muradi
27	02.02.2023	Sindhu Muradi
28	03.02.2023	Sindhu Muradi
29	04.02.2023	Sindhu Muradi
30	06.02.2023	Sindhu Muradi


Head of the Department
ZOOLOGY
R. Vastad Arts, Science &
M. Commerce College,
HUNGUND, Dist. Raichur


Principal
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Commerce College, Hungund-587118



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**V.M. K. S. R. Vastrad Arts Science And V.S.Bellihal Commerce
college, Hungund**

Certificate course for B.Sc V semester students

Department of Zoology Subject: Microbiology During the year 2022-23

Student Enrolled List

S No	R.No	Name
01	S2041601	AFREENBANU.RAJAMAHMAD TEGGINAMANI
02	S2041603	AJAY.S. HURAKADLI
03	S2041608	ARJUN SHIVAPPA CHOORI
04	S2041609	ARSHEENNAZ ABDULGANISAB GADI
05	S2041611	ASHWINI IRAYYA HIREMATH
06	S2041613	BASANAGOUDA BHIMANAGOUDA GOUDAR
07	S2041615	BASAVARAJ SHIVAKUMAR TEGGI
08	S2041617	BHAGYASHREE.MALLIKARJUN NADAGOUDAR
09	S2041625	JADIDHAR BHARATARAJ BEVOOR
10	S2041628	K.AISHWARYA .B.KUPPANNA
11	S2041630	KAVERI SHARANAPPA YARAGERI
12	S2041635	MAHADEVI KRISHNAPPA SADLI
13	S2041641	MANJULA RAMAPPA NANDIKESHWAR
14	S2041645	MUSKAN AHMADSAB BAGAWAN
15	S2041650	POOJA ANDAPPA BALLARI

16	S2041651	POOJA .M. ILKAL
17	S2041655	PRASHANTH BASAPPA AIHOLLI
18	S2041659	PRIYANKA A. HIREMATH
19	S2041663	SAHANA. B. MANAGULI
20	S2041665	SANJAYYA CHANDRAYYA HIREMATH
21	S2041671	SHILPA BASAPPA, WADDAR
22	S2041674	SHIVU HANUMANTHA KALKUTIGARA
23	S2041676	SHWETA .S. PATIL
24	S2041677	SIDDALINGESH MALLAPPA TENGINAKAYI
25	S2041680	SRUJAN.SIDDARAMAYYA SHIVAPPAYYANAMA
26	S2041685	VINAYAKA. SHANKAR KADLIMATTI
27	S2041686	VINOD MAHANTESH BENAL

Omara
Head of the Department,
ZOOLOGY.
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Hungund

Report

01	Name of the Department	Zoology
02	Title of the Certificate course	Microbiology
03	List of Experts	Prof. Nayana Mara Prof. Sindhu Muradi
04	Duration of the course	30 hours
05	The date of introduction and closing	02-01-2023 to 06-02-2023
06	No. of students	27
07	Objectives	<ol style="list-style-type: none">1. Classification and characteristics of micro-organisms.2. Common diseases produced by micro-organisms.3. Activities of micro-organisms in relation to the environment and the human body.4. Basic principles of control and destruction of micro-organisms.5. Principles of microbiology in laboratory practices.

08	Course outcomes	<p>On completion of the course, the students shall be able to:</p> <ul style="list-style-type: none"> * Define microbiology. * Take cognizance of the importance of studying microbiology. * Trace the brief history of microbiology. * Identify cell structure and its characteristics. * Differentiate the classification of microbiology. * Explain the interaction between microbes and the host.
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Dept of Zoology

Nmasg

**Head of the Department,
ZOOLOGY.**

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Kan

Principal
Vijaya Mahantesh Krupaposhit
S.R Vastrad Art, Science & V.S.Bellihal
Commerce College, Hungund-587118



Evaluation through Examination

Question Paper

1. What is Microbiology?
 - a) Study of molecules that are visible to human eyes
 - b) Study of animals and their family
 - c) Study of organisms that are not visible to naked eyes
 - d) Study of microscope
2. Who is known as the father of Microbiology?
 - a) Edwin John Butler
 - b) Ferdinand Cohn
 - c) Robert Koch
 - d) Antoni van Leeuwenhoek
3. Diseases caused due to the inflammation of the vermiform appendix of the digestive system is known as _____.
 - (a) Appendectomy
 - (b) Appendicitis
 - (c) Intestinal cancer
 - (d) Amoebic dysentery
4. Which of the following is a set of bacterial diseases?
 - (a) Malaria, poliomyelitis, mumps
 - (b) Mumps, cholera, typhoid
 - (c) Plague, Leprosy, Diphtheria
 - (d) Measles, Tuberculosis, Tetanus

5. *Vibrio cholerae* is a motile bacteria, which belong to the group of _____.

- (a) Lophotrichous
- (b) Peritrichous
- (c) Monotrichous
- (d) Amphitrichous

6. Widal test is used for the susceptibility of _____.

- (a) Typhoid
- (b) Cholera
- (c) Malaria
- (d) Cholera

7. Which of the following pathogens causes Tuberculosis _____.

- (a) Virus
- (b) Bacterium
- (c) Protozoan
- (d) Malnutrition

8. Which of the following microorganism are the most commonly found normal flora in a healthy human body?

- a) Bacteria
- b) Fungi
- c) Parasites
- d) Viruses

9. Which of the following microorganism is a part of the normal flora of the skin and is also a common pathogen isolated from skin infections?

- a) Bacillus anthracis
- b) E. coli
- c) Staphylococcus aureus
- d) Candida albicans

10. Which of the following systems protects our body against disease-causing microbes?

- (a) Immune system
- (b) Digestive system
- (c) Excretory system
- (d) Respiratory system

11. Which of the following immunity is present from our birth?

- (a) Innate Immunity
- (b) Active immunity
- (c) Passive immunity
- (d) Acquired immunity

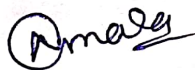
12. B-cells and T-cells are two types of cells involved in _____.

- (a) Innate Immunity
- (b) Active immunity
- (c) Passive immunity
- (d) Acquired immunity



13. The branch of biology involved in the study of immune systems in all organisms is called_____.
- (a) Botany
 - (b) Microbiology
 - (c) Immunology
 - (d) Biotechnology
14. The process of introduction of weakened pathogen into human body is called
- a) Immunization
 - b) Vaccination
 - c) Attenuation
 - d) None of these
15. The first vaccine was developed by
- a) Louis Pasteur
 - b) Edward Jenner
 - c) Carl Landsteiner
 - d) Joseph Miester
16. The first vaccine developed by Louis Pasteur was against
- a) Pox virus
 - b) Hepatitis virus
 - c) Rabies virus
 - d) None of these
17. A vaccine can be
- a) An antigenic protein
 - b) Weakened pathogen
 - c) Live attenuated pathogen
 - d) All of these

18. Allergy to penicillin is an example of
- a) Type I hypersensitivity
 - b) Type II hypersensitivity
 - c) Type III hypersensitivity
 - d) Type IV hypersensitivity
19. The most common class of antibody involved in type II hypersensitivity is
- a) IgG
 - b) IgM
 - c) IgE
 - d) IgD
20. All of the following are autoimmune disorders except
- a) Graves disease
 - b) SCID
 - c) Rheumatoid arthritis
 - d) Addison's disease



**Head of the Department,
ZOOLOGY.**

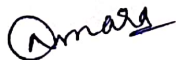
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HUNGUND Dist: Bagalkot**



**Vijaya Mahantesh Krupashri
Principal
S. P. Vastrad Arts, Science & V.S. Behra
Commerce College, Hungund-587111**

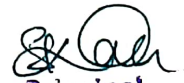
Key Answers

1. c) Study of organisms that are not visible to naked eyes
2. d) Antoni van Leeuwenhoek
3. b) Appendicitis
4. c) Plague, Leprosy, Diphtheria
5. c) Monotrichous
6. a) Typhoid
7. b) Bacterium
8. a) Bacteria
9. c) Staphylococcus aureus
10. a) Immune system.
11. a) Innate Immunity
12. d) Acquired immunity.
13. c) Immunology.
14. b) vaccination
15. a) Louis Pasteur
16. c) rabies virus
17. d) all of these
18. a) Type I hypersensitivity
19. a) IgG
20. b) SCID



**Head of the Department,
ZOOLOGY.**

**V. M. S. R. Vastad Arts, Science &
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MUNGUND**



**Principal
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Commerce College, Hungund-587111**

V.M.V.V. Sangha's

Vijaya Mahantesh Krupaposhit S.R.Vastrad Arts, Science
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This is to Certify that Mr/Miss Ajreenbanu . R. Tejjinamani
Of B.Sc V Semester has participated in CERTIFICATE COURSES ON "MICROBIOLOGY"

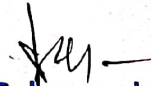
Organized by the Department of ZOOLOGY from 02nd January 2023 to 06th February 2023 in our
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Miss Nayana Mara

Head of the Department,
ZOOLOGY.

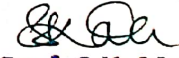
V. M. S. R. Vastrad Arts, Science and
V. M. Commerce College,
Hungund, Bagalkote



Dr.S.R.Golagound

Coordinator,
IQAC

Vijaya Mahantesh Krupaposhit S.R.Vastrad
Arts, Science & Vijay Shankarappa Bellihal
Commerce College, Hungund-587118
Dist: Bagalkote State: Karnataka



Prof. S.K. Math

Principal

Vijaya Mahantesh Krupaposhit
S.R.Vastrad Arts, Science & V.S. Bellihal
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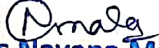
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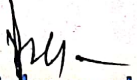
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Of B.Sc V Semester has participated in CERTIFICATE COURSES ON "MICROBIOLOGY"
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institution


Miss Nayana Mara
Head of the Department,
ZOOLOGY,
V. M. S. R. Vastrad Arts, Science and
V. M. Commerce College,
HUNGUND Dist: Bagalkot


Dr.S.R.Golagound
Coordinator IQAC
Vijaya Mahantesh Krupapohit S.R.Vastrad
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Commerce College, Hungund-587118
Dist:Bagalkote State:Karnataka


Prof. S.K. Math
Principal
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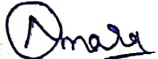
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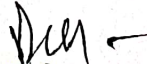
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Of B. Sc I Semester has participated in CERTIFICATE COURSES ON "MICROBIOLOGY"
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Miss Nayana Mara
Head of the Department,
ZOOLOGY.
V. M. S. R. Vastrad Arts, Science and
V. M. Commerce College,
HUNGUND Dist: Bagalkot


Dr.S.R.Golagound
Coordinator,
Vijaya Mahantesh Krupapohit S.R.Vastrad
Arts,Science & Vijay Shankarappa Bellihal
Commerce College, Hungund-587118
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Prof. S.K. Math
Principal
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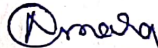
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and V.S Bellihal Commerce College, Hungund

CERTIFICATE COURSE ON "MICROBIOLOGY"

CERTIFICATE

This is to Certify that Mr/Miss Basavaraj . S. Teggi
Of B.Sc I Semester has participated in **CERTIFICATE COURSES ON "MICROBIOLOGY"**
Organized by the **Department of ZOOLOGY** form 02nd January 2023 to 06th February 2023 in our
institution


Miss Nayanā Mara
Head of the Department,
ZOOLOGY.
V. M. S. R. Vastrad Arts, Science at
V. M, Commerce College,
HUNGUND Dist: Bagalkot


Dr.S.R.Golagound
Coordinator of
I Q A C
Vijaya Mahantesh Krupapohit S.R.Vastrad
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Commerce College, Hungund-587118
Dist: Bagalkote State: Karnataka


Prof. S.K. Math
Principal
Vijaya Mahantesh Krupapohit
S R Vastrad Arts, Science & V.S. Bellihal
Commerce College, Hungund-587118

V.M.V.V. Sangha's

Vijaya Mahantesh Krupaposhit S.R.Vastrad Arts, Science
and V.S Bellihal Commerce College, Hungund

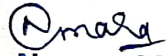
CERTIFICATE COURSE ON "MICROBIOLOGY"


CERTIFICATE


This is to Certify that Mr/Miss Jadidhar . B . Bevoor

Of B.Sc V Semester has participated in **CERTIFICATE COURSES ON "MICROBIOLOGY"**

Organized by the **Department of ZOOLOGY** from 02nd January 2023 to 06th February 2023 in our
institution


Miss Nayana Mara
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V. M. Commerce College,
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Class: B.Sc.-III
Batch: 2022-23

ATTENDANCE

Sl. No.	LU/CMS No.	Names	1	2	3	4	5	6	7	8	9	10	11	12	13
1.	S2041601	Aparbarna . R	A	A	A	A	A	A	A	A	A	A	A	A	A
2.	S2041603	Ajay . S. H	A	A	A	A	A	A	A	A	A	A	A	A	A
3.	S2041608	Arun . S. Chooi	A	A	A	A	A	A	A	A	A	A	A	A	A
4.	S2041609	Arshemaaz . A. G	A	A	A	A	A	A	A	A	A	A	A	A	A
5.	S2041611	Ashwini . J. H	A	A	A	A	A	A	A	A	A	A	A	A	A
6.	S2041613	Basangouda . B	A	A	A	A	A	A	A	A	A	A	A	A	A
7.	S2041615	Batewadiy . S. Teegi	A	A	A	A	A	A	A	A	A	A	A	A	A
8.	S2041617	Bhagyashree . M.	A	A	A	A	A	A	A	A	A	A	A	A	A
9.	S2041625	Jadadhas . B. B.	A	A	A	A	A	A	A	A	A	A	A	A	A
10.	S2041628	K. Aishwarya . B. K.	A	A	A	A	A	A	A	A	A	A	A	A	A
11.	S2041630	Kaveri . S. Yastigei	A	A	A	A	A	A	A	A	A	A	A	A	A
12.	S2041635	Mahadevi . K. Sathi	A	A	A	A	A	A	A	A	A	A	A	A	A
13.	S2041641	Marijula . R. Mandakechira	A	A	A	A	A	A	A	A	A	A	A	A	A
14.	S2041645	Muskan . A. B.	A	A	A	A	A	A	A	A	A	A	A	A	A
15.	S2041650	Pooja . A. Balladi	A	A	A	A	A	A	A	A	A	A	A	A	A
16.	S2041651	Pooja . M. Jikal	A	A	A	A	A	A	A	A	A	A	A	A	A
17.	S2041655	Prashanth . B. Aiholti	A	A	A	A	A	A	A	A	A	A	A	A	A
18.	S2041659	Riyanka . A. Hiremath	A	A	A	A	A	A	A	A	A	A	A	A	A
19.	S2041663	Sahana . B. Managali	A	A	A	A	A	A	A	A	A	A	A	A	A
20.	S2041665	Sanyaya . C. H	A	A	A	A	A	A	A	A	A	A	A	A	A
21.	S2041671	Shirpa . B. Waddar	A	A	A	A	A	A	A	A	A	A	A	A	A
22.	S2041674	Shivu . H. Kalkutigara	A	A	A	A	A	A	A	A	A	A	A	A	A
23.	S2041676	Shweta . S. Patil	A	A	A	A	A	A	A	A	A	A	A	A	A
24.	S2041677	Siddalingesh . M. T.	A	A	A	A	A	A	A	A	A	A	A	A	A
25.	S2041680	Suyana . S. Sidaramayya	A	A	A	A	A	A	A	A	A	A	A	A	A
26.	S2041685	Vinayak . S. Kadlimatti	A	A	A	A	A	A	A	A	A	A	A	A	A
27.	S2041686	Vinod . M. Benal	A	A	A	A	A	A	A	A	A	A	A	A	A

Sl. No.	LU/CMS No.	Names	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1.	S2041601	Aparbarna . R	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
2.	S2041603	Ajay . S. H	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
3.	S2041608	Arun . S. Chooi	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
4.	S2041609	Arshemaaz . A. G	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
5.	S2041611	Ashwini . J. H	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
6.	S2041613	Basangouda . B	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
7.	S2041615	Batewadiy . S. Teegi	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
8.	S2041617	Bhagyashree . M.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
9.	S2041625	Jadadhas . B. B.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
10.	S2041628	K. Aishwarya . B. K.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
11.	S2041630	Kaveri . S. Yastigei	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
12.	S2041635	Mahadevi . K. Sathi	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
13.	S2041641	Marijula . R. Mandakechira	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
14.	S2041645	Muskan . A. B.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
15.	S2041650	Pooja . A. Balladi	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
16.	S2041651	Pooja . M. Jikal	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
17.	S2041655	Prashanth . B. Aiholti	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
18.	S2041659	Riyanka . A. Hiremath	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
19.	S2041663	Sahana . B. Managali	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
20.	S2041665	Sanyaya . C. H	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
21.	S2041671	Shirpa . B. Waddar	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
22.	S2041674	Shivu . H. Kalkutigara	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
23.	S2041676	Shweta . S. Patil	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
24.	S2041677	Siddalingesh . M. T.	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
25.	S2041680	Suyana . S. Sidaramayya	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
26.	S2041685	Vinayak . S. Kadlimatti	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
27.	S2041686	Vinod . M. Benal	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A

Name of the Staff-in-charge


Monthly Signature of the H.O.D.


Monthly Signature of the Principal


Head of the Department,
ZOOLOGY.
 V. M. K. S. R. Vastrad Arts, Science and
 Commerce College,
 Dir: Sangli
 Vijaya Mahantesh Krupaposhit
 Principal
 S.R. Vastrad Art, Science & V.S. Bellihal
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